

## OVERVIEW OF CALIOPE SOURCE TERMS INTERIM REPORT

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Analysis of the chemical emissions from the CALIOPE *baseline* scenarios has been completed. This presentation will review our progress in understanding the *nature* of these emissions and the comprehensive analyses that have been detailed in the CALIOPE Source Terms Interim Report.

We believe that CALIOPE sensors, when program goals have been achieved, will provide valuable information on realistic facilities and operations. The lowest anticipated stack concentrations were determined through simulation of baseline scenarios that presumed U.S. engineering practices, “clean” operations, and high stack dilution. Higher stack concentrations of several chemicals and even additional signature compounds are anticipated from the analyses of more realistic reference facilities, which are characterized by “rougher” operations and increased deposition of long-lived signatures in and around a complex.

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